Quantitation Report (Qedit)

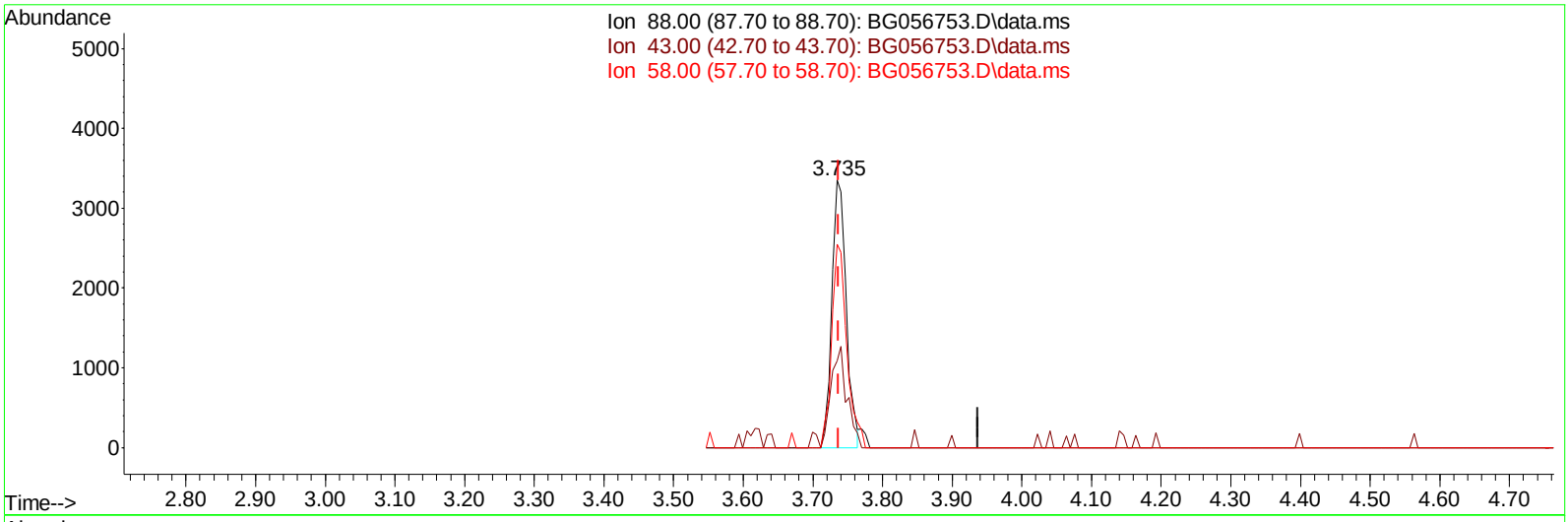
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022823\
Data File : BG056753.D
Acq On : 28 Feb 2023 13:36
Operator : CG/JU
Sample : 01648-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

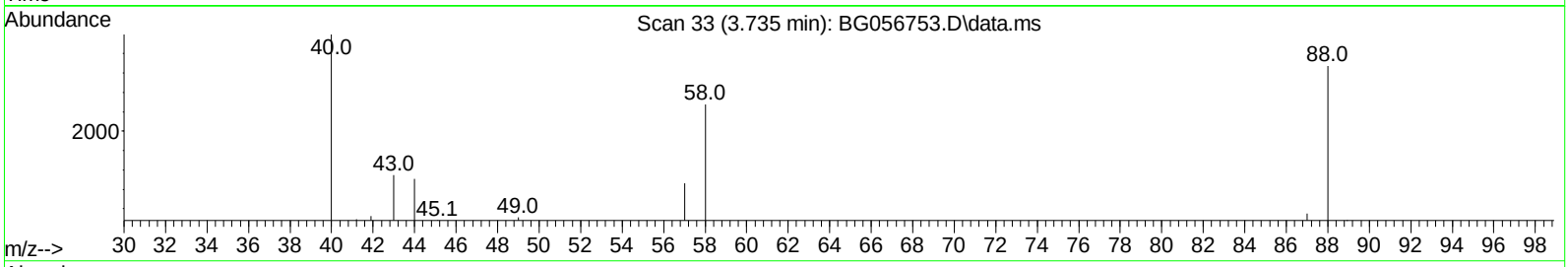
Quant Time: Mar 01 00:00:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 28 23:55:08 2023
Response via : Initial Calibration

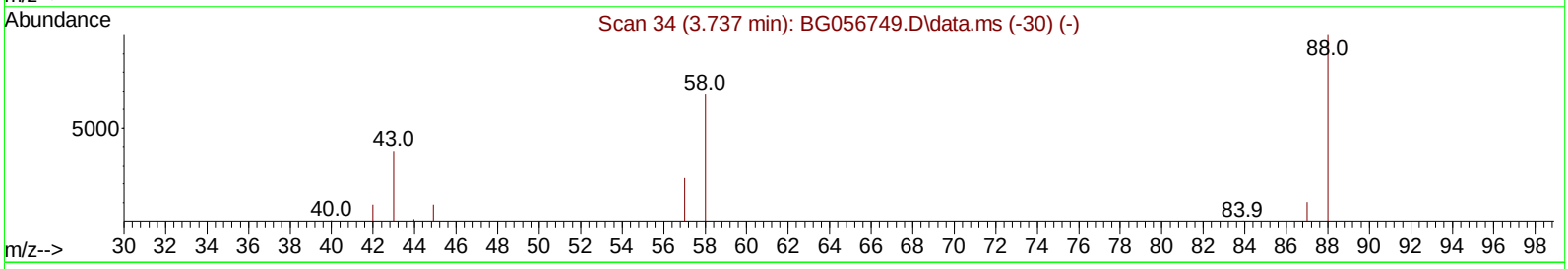
Instrument :
BNA_G
ClientSampleId :
DBZT0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/01/2023







TIC: BG056753.D\data.ms

(2) 1,4-Dioxane

3.735min (-0.003) 13.80 ng/uL

response 4806

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	32.53
58.00	63.20	76.16#
0.00	0.00	0.00

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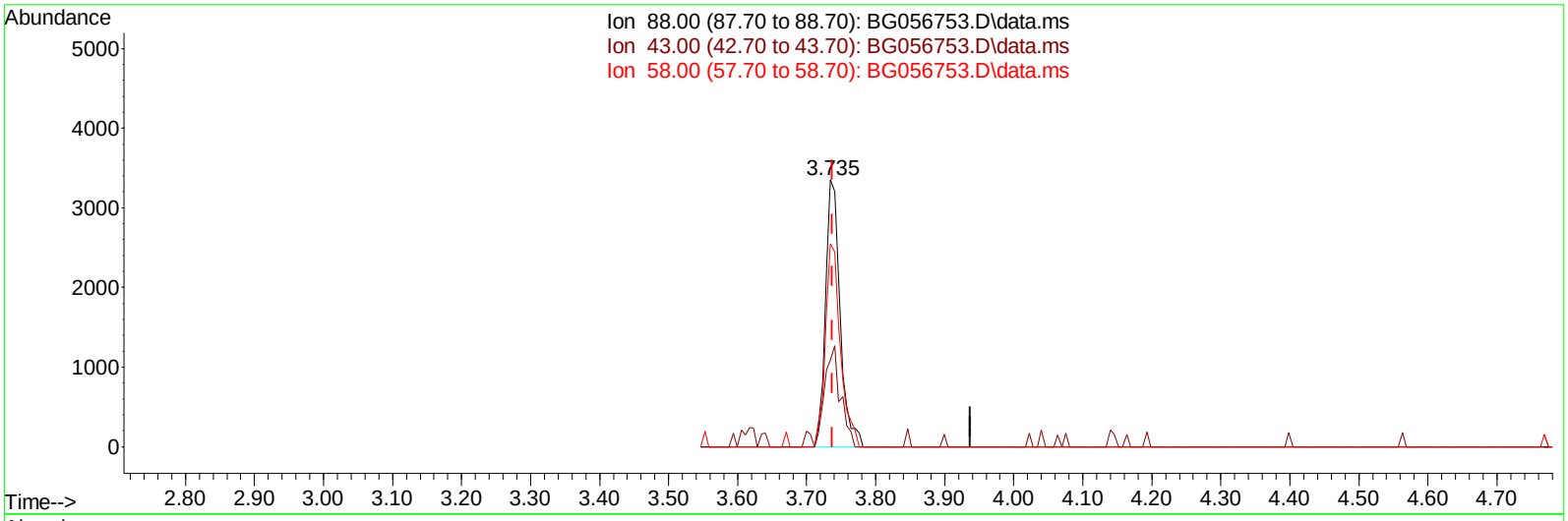

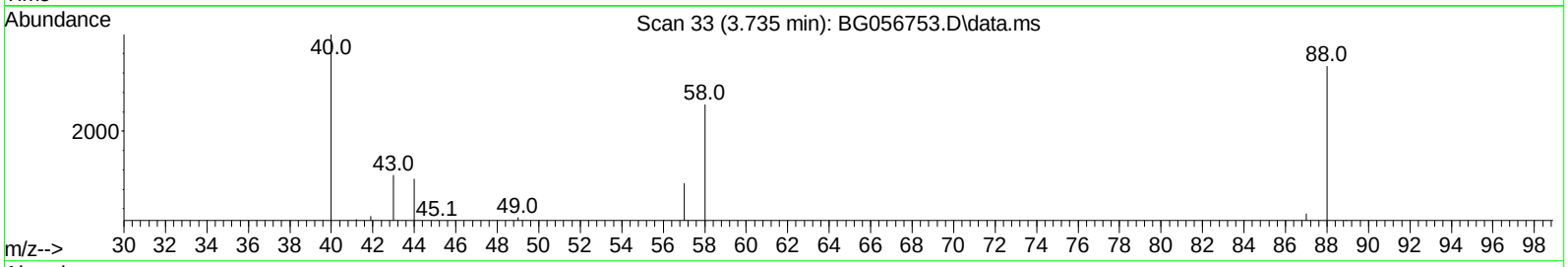

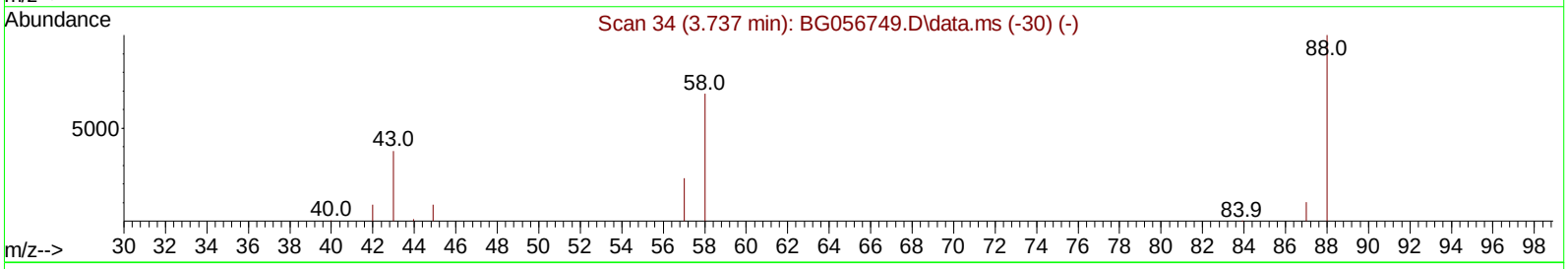

TIC: BG056753.D\data.ms

(2) 1,4-Dioxane

3.735min (-0.003) 14.21 ng/uL m

response 4946

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	35.40	32.53
58.00	63.20	76.16#
0.00	0.00	0.00

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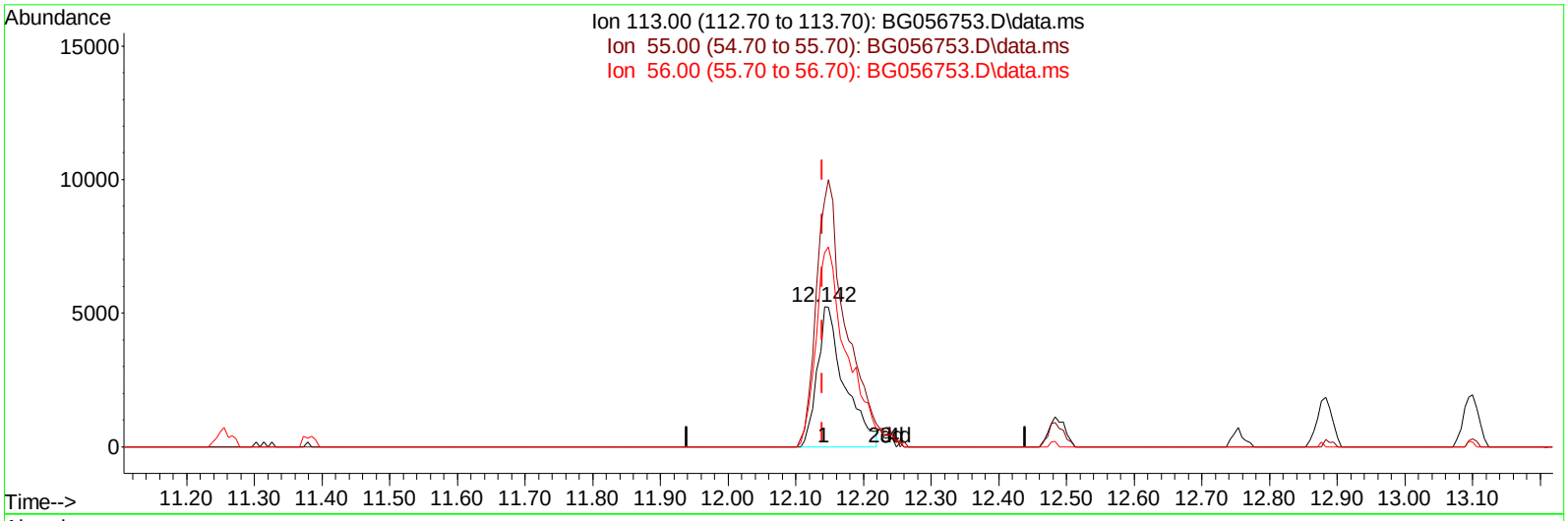

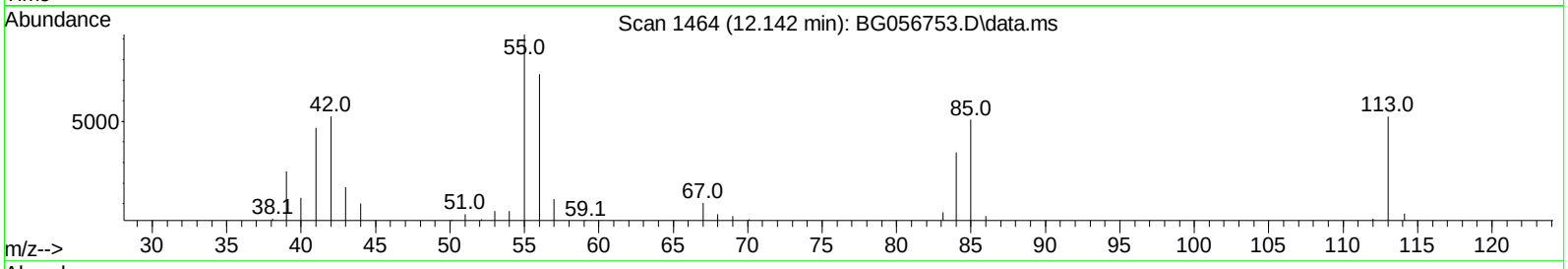

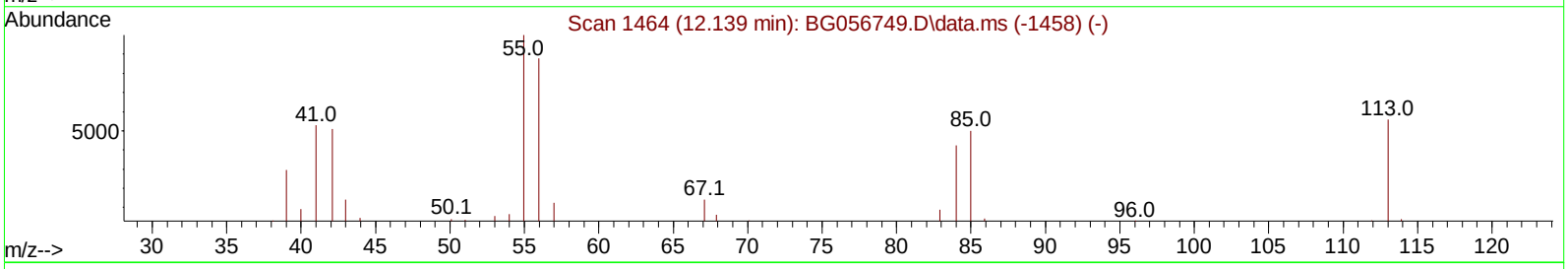

TIC: BG056753.D\data.ms

(34) Caprolactam

12.142min (+ 0.003) 35.10 ng/ul

response 14585

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	175.89
56.00	141.90	138.79
0.00	0.00	0.00

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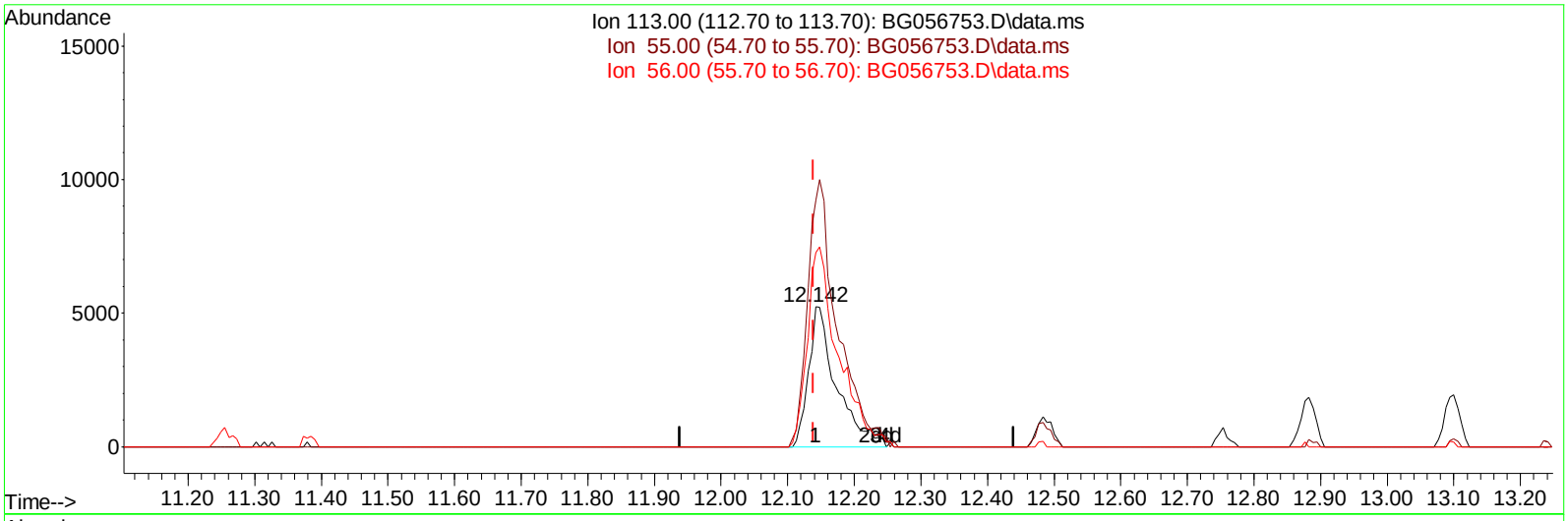

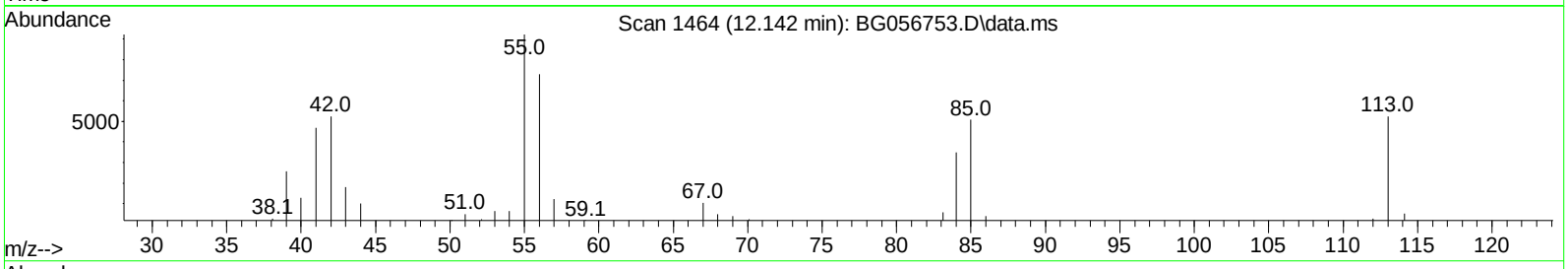

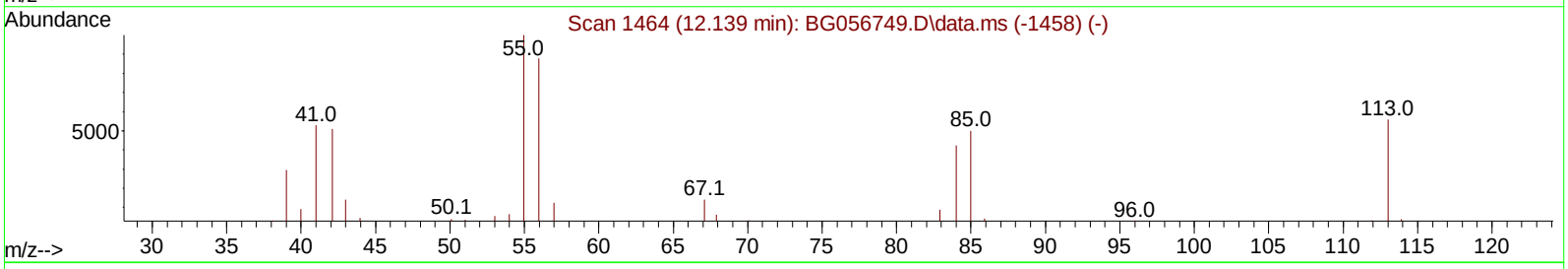

TIC: BG056753.D\data.ms

(34) Caprolactam

12.142min (+ 0.003) 36.50 ng/ul m

response 15165

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	208.80	175.89
56.00	141.90	138.79
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	15663	20.000	ng/ul	0.00
20) Naphthalene-d8	11.261	136	67162	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	15.021	164	53325	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.759	188	132065	20.000	ng/ul	0.00
79) Chrysene-d12	22.066	240	122426	20.000	ng/ul	0.00
88) Perylene-d12	25.591	264	134383	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.699	96	1813	6.421	ng/uL	0.00
4) Pyridine-d5	4.140	84	27419	24.058	ng/ul	0.00
7) Phenol-d5	7.542	99	46305	29.543	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	27196	28.445	ng/ul	0.00
11) 2-Chlorophenol-d4	7.947	132	29218	28.071	ng/ul	0.00
15) 4-Methylphenol-d8	9.111	113	33610	28.064	ng/ul	0.00
21) Nitrobenzene-d5	9.592	128	16003	28.432	ng/ul	0.00
24) 2-Nitrophenol-d4	10.321	143	19000	28.359	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.861	165	38606	30.587	ng/ul	0.00
31) 4-Chloroaniline-d4	11.379	131	42806	26.002	ng/ul	0.00
46) Dimethylphthalate-d6	14.410	166	127127	29.548	ng/ul	0.00
49) Acenaphthylene-d8	14.722	160	143535	29.353	ng/ul	0.00
54) 4-Nitrophenol-d4	15.180	143	20383	27.479	ng/ul	0.00
60) Fluorene-d10	16.008	176	117125	29.430	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.108	200	26318	29.786	ng/ul	0.00
73) Anthracene-d10	17.859	188	188286	29.388	ng/ul	0.00
81) Pyrene-d10	20.115	212	223900	27.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.350	264	211560	29.167	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.735	88	4946m	14.207	ng/uL	
5) Pyridine	4.158	79	39989	33.131	ng/ul	88
6) Benzaldehyde	7.542	77	33563	40.873	ng/ul	96
8) Phenol	7.571	94	56058	35.064	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.818	93	39423	34.705	ng/ul	97
12) 2-Chlorophenol	7.977	128	35843	34.772	ng/ul	97
13) 2-Methylphenol	8.846	108	40555	33.630	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.940	45	51347	33.639	ng/ul	98
16) Acetophenone	9.246	105	71064	34.651	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.222	70	40582	34.487	ng/ul	97
18) 4-Methylphenol	9.175	108	44315	33.819	ng/ul	88
19) Hexachloroethane	9.522	117	15108	34.467	ng/ul	89
22) Nitrobenzene	9.639	77	59218	36.282	ng/ul	97
23) Isophorone	10.156	82	110632	34.671	ng/ul#	97
25) 2-Nitrophenol	10.356	139	23624	35.721	ng/ul	94
26) 2,4-Dimethylphenol	10.391	107	51898	35.138	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.632	93	55725	34.550	ng/ul	95
29) 2,4-Dichlorophenol	10.891	162	44307	36.250	ng/ul	97
30) Naphthalene	11.308	128	126294	34.163	ng/ul	97
32) 4-Chloroaniline	11.402	127	45924	28.161	ng/ul	94
33) Hexachlorobutadiene	11.590	225	34375	35.288	ng/ul	92
34) Caprolactam	12.142	113	15165m	36.496	ng/ul	
35) 4-Chloro-3-methylphenol	12.483	107	48672	34.663	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.883	142	92972	35.116 ng/ul	100
37) 1-Methylnaphthalene	13.100	142	97427	37.322 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.241	216	68033	35.985 ng/ul	99
40) Hexachlorocyclopentadiene	13.218	237	41690	30.774 ng/ul	98
41) 2,4,6-Trichlorophenol	13.464	196	44401	35.148 ng/ul	94
42) 2,4,5-Trichlorophenol	13.535	196	49852	36.344 ng/ul	90
43) 1,1'-Biphenyl	13.864	154	136048	34.695 ng/ul	100
44) 2-Chloronaphthalene	13.911	162	113640	35.027 ng/ul	94
45) 2-Nitroaniline	14.105	65	40440	35.911 ng/ul	93
47) Dimethylphthalate	14.457	163	151581	34.644 ng/ul#	98
48) 2,6-Dinitrotoluene	14.587	165	32069	35.755 ng/ul	95
50) Acenaphthylene	14.751	152	171846	34.787 ng/ul	98
51) 3-Nitroaniline	14.916	138	29610	36.887 ng/ul#	98
52) Acenaphthene	15.086	153	119545	35.227 ng/ul	97
53) 2,4-Dinitrophenol	15.115	184	20913	36.397 ng/ul	94
55) 4-Nitrophenol	15.198	109	30545	35.574 ng/ul	93
56) Dibenzofuran	15.415	168	177150	34.388 ng/ul	95
57) 2,4-Dinitrotoluene	15.362	165	46830	36.420 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.632	232	45131	35.356 ng/ul	99
59) Diethylphthalate	15.809	149	148728	33.959 ng/ul	97
61) Fluorene	16.061	166	144433	35.015 ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.044	204	86771	35.515 ng/ul	99
63) 4-Nitroaniline	16.067	138	30895	39.392 ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.126	198	30268	35.583 ng/ul#	87
67) N-Nitrosodiphenylamine	16.255	169	127875	34.820 ng/ul	98
68) 4-Bromophenyl-phenylether	16.937	248	59613	35.619 ng/ul	98
69) Hexachlorobenzene	17.060	284	63328	35.221 ng/ul	95
70) Atrazine	17.183	200	47398	29.716 ng/ul	96
71) Pentachlorophenol	17.401	266	33772	33.079 ng/ul	96
72) Phenanthrene	17.800	178	253191	35.393 ng/ul	98
74) Anthracene	17.894	178	250651	34.672 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.834	216	69542	34.421 ng/uL	99
76) Pentachlorobenzene	15.339	250	72004	35.139 ng/uL	96
77) Carbazole	18.153	167	212660	35.157 ng/ul	98
78) Di-n-butylphthalate	18.676	149	245221	35.175 ng/ul	99
80) Fluoranthene	19.780	202	314223	31.370 ng/ul	99
82) Pyrene	20.145	202	312575	31.675 ng/ul	98
83) Butylbenzylphthalate	21.003	149	105658	33.750 ng/ul	92
84) 3,3'-Dichlorobenzidine	21.943	252	99265	32.339 ng/ul	98
85) Benzo(a)anthracene	22.043	228	311689	34.980 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.907	149	153913	34.998 ng/ul	98
87) Chrysene	22.119	228	288112	34.717 ng/ul	98
89) Di-n-octyl phthalate	23.223	149	259621	35.536 ng/ul	100
90) Benzo(b)fluoranthene	24.463	252	314763	34.989 ng/ul	98
91) Benzo(k)fluoranthene	24.540	252	307468	35.089 ng/ul	99
93) Benzo(a)pyrene	25.427	252	274011	34.651 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.651	276	382185	35.578 ng/ul	99
95) Dibenzo(a,h)anthracene	29.733	278	314609	35.027 ng/ul#	94
96) Benzo(g,h,i)perylene	30.938	276	301474	35.134 ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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